

Mohave County Miner.

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NO. 6.

The Cost of Production of Precious Metals.

We still come across the absurd statement that for every dollar's worth of precious metal taken out of the ground, two dollars of hard-earned money goes into the ground. The statement, or one like it, is of very ancient origin, hints of this statement being found in Agricola's and Pryce's famous works on mining, published respectively 350 and 130 years ago. It is a perfectly nonsensical statement, although it is hard to prove this, owing to the manner in which commercial statistics of mining are kept in this country. We may take, however, some of the statistics compiled by the Australian states, for example, Victoria. That state last year produced 15,800,000 worth of gold. Dividends were declared amounting to 3,000,000, leaving from the 15,800,000 gross output 12,800,000 to go back into the ground.

Now, let us examine for a moment the statement that each dollar taken out mean two dollars going in on the basis of these figures. We have the sum of 31,800,000 going into the ground during the year 1903. Of this amount 12,800,000 came out of the ground, leaving a balance of 18,800,000 to be put into mining by outsiders. No one who has the conception of mining conditions in Australia would deem for one moment that this is possible.

Let us take a case nearer home—the state of Colorado. Here we have an output of about 35,000,000 in gold and silver; of this sum we pay, as nearly as can be figured, dividends amounting to about 7,000,000 a year, showing that 28,000,000 a year go back into the ground. The production of this 35,000,000 would cost, according to the a naive statistician, 70,000,000, twenty eight millions of which are found by the miners, leaving the stupendous sum of 42,000,000 a year to be invested, or spent, rather, in mining by outside parties. To tell the Colorado miner that the outside public invests any such sum in his mines would make him laugh; 4,000,000, while still an excessive figure, would be more nearly correct. How absurd, therefore, the statement that for every dollar's worth taken out of the ground two dollars go back—Mining Reporter.

Great Country for Wheat.

The delta of the Tigris and the Euphrates, now partially a desert and partially a swamp, contains over 5,000,000 acres of land. Perhaps no region of all the regions of the earth is more favored by nature for the production of cereals. It is claimed that wheat in its wild, uncultivated state has its home in the semiarid regions, and that from here it has been transported to every quarter of the globe.

Automatic Compass.

M. Heit, a French inventor, has recently patented a compass which automatically registers minute by minute. The compass card is fixed on a steel pivot, which rests on a fixed agate, instead of having at its center an agate resting on a fixed steel point. The fixed agate is immersed in a drop of mercury, which serves as a conductor for the electric current that causes the movement of registering.

Some figures regarding the famous Blue Gravel mine at Smartsville were published in the Marysville Appeal on July 21, 1887: "This claim contains upward of 100 acres, averaging 100 feet from surface to bedrock. Upward of 1,000,000 have been taken from it, though it was not opened until March, 1884. It occupied nine years of incessant labor, and the expenditure of upward of 1,000,000 to open it. It has four miles of sluices, three feet wide and four feet deep, in which three tons of quicksilver are distributed to catch the gold. One hundred and twenty-five thousand pounds of gunpowder are annually expended in blowing up and breaking the cement where it is too hard for the hydraulic wash. The water used in washing costs 25,000 per annum.

According to the Jalisco Times, Francisco Johnson is quoted as saying that the French company in which the

Rothschilds are the principal owners, has opened up a new copper deposit in the famous Boleo copper mines at Santa Rosalia, Lower California. Mr. Johnson, who has been with the Boleo people for several years, says that the ore is of high grade and it will rival, if not surpass, the great deposit at Cananea. The new mine is named the La Brisa, and the ore seems to be in an unlimited amount. The matte shipped from the company's smelter at Santa Rosalia runs 65 per cent. The entire production is shipped to Falmouth, England. Mr. Johnson says there is a shortage of laborers at the mines. There is work for over 3,000 men and the present force is less than 2,000. Only 40 of the 500 Japs imported stayed at the mines.

The fact is well established that no rights can be initiated or acquired on the public domain by forcible entry when another is in possession. One can not hold public lands by mere occupancy, not complying with the requirements of the law. A location must be made according to law. The court decisions lead to the conclusion that if a person goes upon the unclaimed mineral lands of the United States and makes settlement thereon without complying with the requirements of the mining law, and relies wholly upon the fact of possession and work performed, a second party may enter upon said lands and make a valid location, provided he does so peacefully and complies with all the requirements of the mining law, and he is entitled to the possession of such mineral land, to the extent of his claim, as against the prior occupant, who is from the time the second party, has perfected his location and complied with the law a trespasser. The peaceable entry of the locator and the performance of his location by compliance with the law, operates in law as an ouster of the prior occupant.—M. & S. Press.

Another carload of ore from the Superior mines is at the Florence depot and will be shipped this week. It will average about 36 per cent. copper and runs well in gold, the average value of both metals will run close to \$101 per ton. This is about the average value of the great copper ore body now exposed and blocked out on the first level of the Superior mine. This ore body is remarkable both as to its extent and the uniformity of its high grade values; it carries throughout its entirety. Manager Seiboth states that it is the largest high grade ore body he has yet seen, except one in Cripple Creek, Col., and he is confirmed in this statement by miners who have worked in all the great mines of the west. The inflow of water in the main shaft—the bottom of which is now 500 feet below the apex of the hill in which the mine is situated—has increased in volume, and Mr. Seiboth is having a station cut out at this point from which levels will be opened along the vein from two sides of the shaft. While this work is in progress sinking in the shaft will be suspended.—Blade.

Prof. J. C. Carrera, the well known mineralogist of New Mexico, has made a most important and curious discovery in the old placer mines known as Placer de Guadalupe, on the Conchos river in the eastern part of Chihuahua. His discovery is cubical crystals of placer gold arranged in arborescent or tree like form. This is the first discovery of this form of gold on the American continent, and it is found only in the Ural mountains and Australia. Although these placers have been known for years and have been worked by the natives, Prof. Carrera is the first to call attention to this peculiar form.—Miner and Manufacturer.

The Sonora Milling & Mining Co., Con O'Keefe president and general manager, have in hand immediate erection of a 26-stamp mill and cyanide plant upon the Juarez mine, in the Altar district, recently purchased for \$5,000, and the mill will be very shortly in operation. A party of stockholders from New York and England is now out to the property, and they have returned word that they are very greatly pleased with its appearance.

Inofficial Election Returns of the County.

| | Kingman | Acme | Vivian | Glenwood | Mossback | Mineral Park | Chloride | Verbat | White Hills | Gold Basin | Hackberry | Peach Springs | Casa Grande | Owen (Sandy) | Trout Creek | Signal | Cedar | Camp Martin | Fort Mohave | Yucca | Litchfield | Total | Plurality. |
|-----------------------|---------|------|--------|----------|----------|--------------|----------|--------|-------------|------------|-----------|---------------|-------------|--------------|-------------|--------|-------|-------------|-------------|-------|------------|-------|------------|
| Delegate to Congress— | | | | | | | | | | | | | | | | | | | | | | | |
| M. A. Smith, D | 9758 | 4 | 4 | 14 | 29 | 8 | 11 | 6 | 6 | 16 | 7 | 9 | 9 | 8 | 25 | 9 | 3 | 8 | 13 | 344 | 131 | | |
| B. A. Fowler, R | 927 | 3 | 2 | 11 | 21 | 5 | 9 | 1 | 4 | 10 | 4 | 5 | 1 | 1 | 7 | 6 | 2 | 2 | 2 | 213 | | | |
| F. A. Shaw, S | 2021 | 11 | 3 | 2 | 10 | 3 | 2 | 2 | | | | | 1 | 1 | 1 | | | | | 81 | | | |
| Territorial Council— | | | | | | | | | | | | | | | | | | | | | | | |
| F. L. Hunt, D | 5654 | 2 | 8 | 13 | 27 | 4 | 8 | 1 | 8 | 10 | 7 | 11 | 5 | 6 | 16 | 8 | | | | | 12 | 256 | |
| J. E. Perry, R | 11629 | 7 | 2 | 10 | 22 | 8 | 8 | 3 | 2 | 18 | 4 | 3 | 4 | 2 | 16 | 1 | 6 | 4 | 12 | 3 | 290 | 34 | |
| C. R. Cooper, S | 2828 | 10 | 5 | 2 | 10 | 1 | 3 | 2 | | | | | 1 | 2 | 1 | | | | | 2 | | 95 | |
| Territorial Assembly— | | | | | | | | | | | | | | | | | | | | | | | |
| P. F. Collins, D | 8951 | 7 | 4 | 17 | 33 | 7 | 14 | 7 | 8 | 9 | 8 | 3 | 6 | 8 | 22 | 7 | 2 | 5 | 1 | 13 | 321 | 77 | |
| John Hamilton, R | 9444 | 2 | 2 | 12 | 19 | 5 | 9 | | 2 | 19 | 2 | 9 | 4 | 1 | 13 | 1 | 4 | | 10 | 2 | 254 | | |
| L. S. Lislud, S | 1825 | 9 | 4 | | 7 | 1 | | 1 | 2 | | | | 2 | 1 | 1 | | | | 3 | | 77 | | |
| Recorder— | | | | | | | | | | | | | | | | | | | | | | | |
| Thomas McNeely, D | 11257 | 3 | | 17 | 32 | 12 | 10 | 1 | 8 | 22 | 8 | 13 | 10 | 10 | 27 | 9 | 2 | 1 | 7 | 12 | 363 | 188 | |
| A. H. Smith, R | 7037 | 5 | 3 | 9 | 12 | 2 | 5 | 3 | 1 | 5 | 2 | 1 | | 1 | 5 | | 4 | 3 | 5 | 2 | 175 | | |
| S. G. McKesson, S | 2126 | 10 | 4 | | 12 | | 7 | 3 | 2 | | | | 2 | 1 | 1 | | | | 2 | | 91 | | |
| Probate Judge— | | | | | | | | | | | | | | | | | | | | | | | |
| Charles Metcalf, D | 11848 | 3 | 4 | 15 | 27 | 8 | 15 | 5 | 4 | 13 | 7 | 11 | 9 | 9 | 25 | 8 | 1 | 1 | 9 | 14 | 354 | 171 | |
| W. E. Sauls, R | 6332 | 4 | 2 | 9 | 24 | 4 | 3 | 2 | 4 | 14 | 3 | 3 | | 1 | 6 | | 5 | 2 | 1 | 1 | 183 | | |
| F. M. VanMarter, S | 2124 | 10 | 4 | | 8 | 1 | 5 | 2 | 2 | | | | 3 | | | | | | 1 | 4 | 86 | | |
| Sheriff— | | | | | | | | | | | | | | | | | | | | | | | |
| Walter Brown, D | 13861 | 4 | 0 | 22 | 29 | 10 | 12 | 2 | 9 | 22 | 11 | 13 | 9 | 10 | 31 | 8 | 2 | 4 | 6 | 13 | 415 | 290 | |
| J. N. Chenour, R | 4430 | | 2 | 6 | 8 | 2 | 5 | | 1 | 5 | | | 3 | 1 | 3 | | 4 | 1 | 2 | 2 | 125 | | |
| Chas. Parasia, S | 1820 | 15 | 7 | 1 | 10 | 1 | 4 | 2 | 1 | | | | 1 | | | | | | 4 | | 84 | | |
| Jno. P. Feeny, I. D | 11 | 4 | 2 | 1 | 13 | 2 | 4 | 3 | | | 1 | | 1 | | 2 | 1 | | | 2 | | 47 | | |
| Treasurer— | | | | | | | | | | | | | | | | | | | | | | | |
| Wm. Heimrod, D | 10150 | 6 | 4 | 4 | 37 | 11 | 14 | 2 | 9 | 13 | 8 | 7 | 5 | 3 | 22 | 6 | 1 | | 8 | 12 | 333 | 110 | |
| G. W. Beecher, R | 8127 | 1 | 2 | 16 | 17 | 3 | 7 | 3 | 1 | 13 | 3 | 7 | | 6 | 13 | 3 | 5 | 3 | 3 | 3 | 223 | | |
| J. D. Richardson, S | 1926 | 11 | 4 | 1 | | 1 | 3 | 2 | | | | | 3 | 1 | | | | | 3 | | 77 | | |
| District Attorney— | | | | | | | | | | | | | | | | | | | | | | | |
| F. W. Morrison, D | 7365 | 5 | 4 | 13 | 17 | 4 | 7 | 2 | 4 | 9 | 11 | 2 | 6 | 6 | 15 | 7 | 1 | 4 | 4 | 12 | 269 | | |
| W. G. Blakely, R | 12026 | 2 | 3 | 14 | 37 | 7 | 14 | 3 | 5 | 16 | 1 | 13 | 5 | 5 | 19 | 2 | 5 | 1 | 7 | 3 | 311 | 42 | |
| Robt. Waters, S | 1621 | 11 | 5 | | 9 | 1 | 4 | 3 | 2 | | | | 1 | 1 | 1 | | | | 3 | | 78 | | |
| Supervisors— | | | | | | | | | | | | | | | | | | | | | | | |
| Jno. Mulligan, D | 10565 | 3 | | 14 | 35 | 10 | 15 | 7 | 6 | 8 | 8 | 2 | 5 | 2 | 19 | 8 | | 1 | 5 | 15 | 334 | 133 | |
| W. B. Stephens, D | 10060 | 4 | 3 | 23 | 31 | 6 | 13 | 5 | 3 | 6 | 6 | 13 | 9 | 9 | 21 | 9 | 2 | 4 | 8 | 10 | 356 | 155 | |
| Wm. Grant, R | 8117 | 4 | 3 | 7 | 15 | 3 | 5 | 1 | 9 | 24 | 6 | 12 | 5 | 4 | 2 | | 4 | | 4 | 2 | 201 | | |
| Geo. Bonelli, R | 7021 | 1 | 3 | 4 | 13 | 6 | 6 | | 2 | 13 | 3 | | | | 4 | | 6 | 2 | | 4 | 157 | | |
| Ed. Clack, S | 2117 | 8 | 4 | | 7 | 1 | 4 | 2 | 2 | | | | 1 | | | | | | | | 70 | | |
| Ed. Schotmiller, S | 1719 | 15 | 7 | 2 | | 1 | 5 | 2 | 2 | | | | 1 | 1 | | | | | 1 | 5 | 78 | | |

The election in this county last Tuesday passed off with unusual quietness. Unlike the elections of recent years, there was no open dispensing of booze from joints within a few hundred feet of the polls, the candidates and county committees agreeing that the use of booze as a stimulant to vote getting was bad form. Although many of the results were looked for, the smallness of Wm. Grant's vote for supervisor and the way Blakely and Perry ran was uncommonly surprising. Grant was cut in the mining camps to some extent and the cowboys voted for Stephens to a man. The phenomenal vote given to Walter Brown for sheriff surprised everybody. While it was known that Brown was one of the most popular men in the county and that his vote would be large no one expected that he would poll more than 400 out of about 650. The vote of the Socialist party was a disappointment to that organization, as it was confidently predicted by them that Parasia and Cooper were sure of election. The above is the vote as far as heard from:

The vote for Kingman precinct officers resulted in the election of Anson H. Smith, Justice of the Peace, and A. A. Harris Constable.

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